

What is claimed is:

1.

5 A method of lowering egg cholesterol levels of eggs from laying fowl, comprising:  
administering to an egg laying fowl an egg cholesterol lowering effective amount of a  
polycosanol.

2.

10 The method of claim 1 wherein the polycosanol is at least C<sub>20</sub> in carbon chain  
length.

3.

The method of claim 1 wherein the amount of polycosanol administered is from  
0.01 mg/kg bodyweight/day to 1 mg/kg of bodyweight/day.

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4.

The method of claim 3 wherein the amount of polycosanol administered is from .05  
mg/kg of bodyweight to 0.5 mg/kg of bodyweight of the fowl.

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The method of claim 1 wherein administration is by mixing with normally fed  
poultry feed.

6.

The method of claim 1 wherein the polycosanol is administered in conjunction with a poultry feed containing an edible oil.

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The method of claim 6 wherein the feed containing edible oil is selected from the group consisting of soybean, corn, cannula, sunflower and rapeseed oils.

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The method of claim 1 wherein the polycosanol is mixed with a micellular mix of a plant sterol.

9.

15 The method of claim 1 wherein the polycosanol is mixed with a micellular mix of a plant sterol and a phospholipid.

10.

The method of claim 9 wherein the phospholipid is lecithin.

11.

- A method of lowering egg cholesterol of eggs from egg laying fowl, comprising:
- mixing an egg cholesterol lowering effective amount of polycosanol with normal poultry feed to provide a feed mix; and
- 5 feeding said feed mix to egg laying fowl to lower egg cholesterol levels of eggs produced by said fowl.